

AMENDMENTS IN THE SPECIFICATION:

Please amend paragraph [0035] in the specification as follows:

[0035] The photosensitive region 10 consists of pixels 11_{mn} which are two-dimensionally arrayed in a matrix of N rows and M columns ~~M rows and N columns~~. Each pixel is composed of a photosensitive portion 12_{mn} (first photosensitive portion) and a photosensitive portion 13_{mn} (second photosensitive portion) each of which outputs an electric current according to an intensity of incident light and which are arranged adjacent to each other in an identical plane. In this configuration, photosensitive portions 12_{mn} and photosensitive portions 13_{mn} are arrayed in a two-dimensionally mixed state in an identical plane in the photosensitive region 10.